

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP COMMITTEE
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 14-110

PROJECT INFORMATION

Project Title: George Geisler Water Storage Tank Replacements

Region and Game Management Unit: Reg. 1 GMU 2B

Local Habitat Partnership Committee (LHPC):

- Springerville HPC

Was the project presented to the LHPC?

YES[X] NO[]

Has this project been submitted in previous years? YES[] NO[X]

If Yes, was it funded? YES[] NO[X] → **Funded HPC Project #(s):**

Project Type: Replace 2 rusted out water storage tanks and 1 water trough

Brief Project Summary:

Remove the 2 rusted out water storage tanks and trough and set 2 new water storage tanks and trough in same place. A quarter mile north of this well is a dirt tank with its dam blown out, so currently there is not a water source for wildlife in this immediate area. A stewardship agreement will be put in place to ensure water availability to wildlife for the life of the project, 5 years.

Big Game Wildlife Species to Benefit: Mule deer, Pronghorn, Elk

Implementation Schedule (Month/Day/Year):

Project Start Date: Upon award

Project End Date: 12/31/2015

Environmental Compliance:

NEPA Completed: Yes[] No[] N/A[X]

Projected Completion Date: _____

State Historic Preservation Office - Archaeological Clearance:

Yes[] No[] N/A[X]

Projected Completion Date: _____

Arizona Game and Fish Department EA Checklist: N/A[]

To be Completed by: Joel Weiss

Projected Completion Date: upon award

PROJECT FUNDING

Special Big Game License Tag Funds Requested: \$ 8479.39

Cost Share or Matching Funds: \$ 9701.75

Total Project Costs: \$ 18181.14

PARTICIPANT INFORMATION

Applicant (please print):

George Geisler

Address:

PO Box 1181

Springerville, AZ 85938

E-mail:

ggeisler@frontiernet.net

Telephone: 575-773-4763

Cell 928-245-3167

Date: 8/15/14

AGFD Contact and Phone No. (If applicant is not AGFD personnel):

Joel Weiss 928-242-7492

Project has been coordinated with:

George Geisler, AGFD, Terry Herndon-Mule Deer Foundation

NEED STATEMENT – PROBLEM ANALYSIS:

Water is a limiting factor for wildlife in this area with very few natural water sources. This project would provide a highly needed water source for wildlife. The closest water source to this area is 0.71 miles to the northwest and unknown to the nearest water source on the New Mexico side of the state line. The land owner has installed a solar pump and panels on an existing well which are fully functional. The storage tanks and trough are rusted out and do not hold water and need to be replaced.

PROJECT OBJECTIVES:

Increase water distribution for wildlife in the southern portion of hunt unit 2B.

Replace water storage tanks and trough to provide water for wildlife year around and cattle while rotating through the pasture.

PROJECT DESCRIPTION AND STRATEGIES:

Haul in two 5000 gallon storage tanks and a water trough; remove old tanks and trough, set new tanks and trough in place of the old ones. Connect tanks to pump and trough and install float system in trough to control water level/flow. Haul old tanks and trough to landfill.

PROJECT LOCATION:

Game management 2B northeast of Springerville, AZ along New Mexico state line, UTM 12S 0679089 3793979.

LAND OWNERSHIP AT THE PROJECT SITE(S):

(if the project area is private property, please state specifically and provide the landowner's name)

- Private property owned by George Geisler. Mr. Geisler owns approximately 326 acres at this location in which he allows year around hunting and recreational access via vehicle or foot.

IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES[] NO[] N/A[]

HABITAT DESCRIPTION:

Mixed pinon/juniper intermixed with open and semi-open grassland.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

2 5000 gallon poly storage tanks @ \$3,296.00 each total: \$6,592.00

1 8 foot poly water trough @ \$325.00

1 float box @ \$270.00

1 float valve @ \$90.00
4 1 1/4" transitions @ \$25.75 each Total: \$103.00
100' poly pipe 1 1/4" newmex @ \$0.68/foot total: \$68.00
2 2" gate valves @ \$33.00 each total: \$66.00
2 2" x 4" brass nipples @ \$17.90 each total: \$35.80
2 2" to 1 1/4" bushings @ 9.55 each total: \$19.10
4 poly pipe couplers 1 1/4" @ \$ 1.50 each total: \$6.00

Subtotal: \$7574.90
6% sales tax: \$454.49
Misc. hardware \$100.00
Freight to
Springerville, AZ: \$350.00

Total: \$8479.39

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

Transport tanks/trough to work site from Springerville, 2 trips @ \$275.00 total: \$550.00
Backhoe: \$1200.00
Pickup truck: \$400.00
Labor: \$2800.00
Haul old tanks and trough to land fill: \$550.00
Purchase and installation of Solar pump: \$2101.75
Purchase and installation of Solar panels: \$2100.00

Total: \$9701.75

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

George Geisler: provide heavy equipment and labor for installation of tanks, trough and water line.

WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?

YES[] NO[] N/A[X]

PROJECT MONITORING PLAN:

Monitoring provided by land owner and GMU 2B Wildlife Manager.

PROJECT MAINTENANCE:

Maintenance provided by land owner.

PROJECT COMPLETION REPORT TO BE FILED BY:

Joel Weiss-AGFD

WATER DEVELOPMENT PROJECTS (*please use the worksheet below*):

TREE CLEARING/REMOVAL PROJECTS (*please use the worksheet below*):

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: _____

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
☐2-4 ☐4-6 ☐6-8 ☐8-10 ☐10-12 ☐12-14 ☐14-16 ☐ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES ☐ (please complete #5 below) NO ☐ (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**
Name of water source:
Type of water source (catchment, spring, dirt tank):
Ownership of water source:
Distance in miles from project:
- 6) **Is the target wildlife species a result of transplant efforts?** YES ☐ NO ☐
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): ☐2x4 vehicles ☐4x4 only ☐foot only**

**If foot access only: Distance in miles: _____ Approximate hiking time: _____

-- Does access to this site require crossing private or tribal lands? YES ☐ NO ☐

-- Please describe any restrictions to public access:
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**
- 10) **Was a site visit completed?** Yes ☐ No ☐
If Yes, please list personnel that attended and date.



